# Compact Affordability

# Datacolor 110®

## Rugged, Dependable Color Measurement

- Affordable, Full-range Spectrophotometer
- Best Spectrometer in its class -SP2000
- Automated specular port (SCI/SCE)
- Small Enough to Fit in Any Workspace
- Automatic gloss compensation
- Easy maintenance

# 110® BENCH-TOP SPECTROPHOTOMETER

With the state-of-the-art Datacolor 110® your customer's vision becomes reality - reliably and economically.

## FEATURES

- Dependable performance at an affordable price
- State-of-the-art SP2000 spectral technology
- 256 dual diode array provides phenomenal spectral resolution
- Superior Dark End Stability
- Automated specular port (SCI/SCE)
- Small footprint single aperture device for easy use
- Three aperture sizes available
- Shared mastering with Datacolor 600 reference instrument for reliable supply chain performance



*The compact 110 is one of the most powerful, versatile and affordable compact spectrophotometers you can buy. The 110 offers close inter-instrument agreement to the Reference-Grade Datacolor 600 Spectrophotometer, which is used by the world's leading Colorant manufacturers to formulate and control critical color.*

## HARDWARE SPECIFICATIONS

| | DATACOLOR 110® |
|---|---|
| Instrument Type | Dual-beam d/8° spectrophotometer |
| Illumination Source | Pulsed xenon filtered to approximate D65 |
| Sphere Diameter | 51 mm / 2.0 in |
| Specular Port | Automated included or excluded |
| Specular Analyzer | Proprietary SP2000 analyzer with dual 256 diode array and high resolution holographic grating |
| Wavelength Range | 400 nm to 700 nm, reporting at 10 nm intervals |
| Reporting Interval | 10 nm |
| Photometric Range | 0 to 200% |
| 20 Read Repeatability* | 0.05 (max DE CIELAB) |
| Inter-instrument Agreement* | 0.20 (avg DE CIELAB) |
| Lens | 3 position auto zoom |
| Single Aperture models | LAV (22 mm), SAV (9 mm) & USAV (6.5 mm) |

*\* Specification based on the following environmental conditions: 20\* C; 50% RH; 2 sigma*

## WORK FLOW

| | Design | Photo | Cosmetics | Packaging | Ink | Home Entertainment | Automotive | Plastics | Paint & Coatings | Textile | Retail Paint |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Create/Design | | | | | | | | | | | |
| Specify | | | | | | | | | | | |
| Formulate and Produce | | | | | ▬ | | | ▬ | ▬ | | ▬ |
| Quality Control | | | ▬ | | ▬ | | | ▬ | ▬ | ▬ | ▬ |

For more information, please visit **www.datacolor.com**

**datacolor**